



Waukegan Tar Pit
United States Department of the Interior

Fish and Wildlife Service
Division of Law Enforcement

000002

National Fish and Wildlife Forensics Laboratory
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October 1, 1990

CRIMINALISTICS EXAMINATION REPORT

AGENCY:
U. S. Fish & Wildlife Service
Division of Law Enforcement
10600 Higgins Rd., #200
Rosemont, IL 60018

Lab Case #: 90-0151
Agency Case #: 4398AL
Investigator(s): Brooks, SA #366

Suspect: Waukegan Tar Pit

EVIDENCE RECEIVED:

The following evidence was received in the Evidence and Property Section of the Laboratory on September 24, 1990, and transferred to Edgard Espinoza, Criminalistics Section Chief, on September 27, 1990:

LAB-1: One tube containing tar-like substance

EXAMINATIONS CONDUCTED:

LAB-1 was examined utilizing Head-space Gas Chromatographic - Mass Spectrometry analysis.

EXAMINATION RESULTS:

LAB-1: The aqueous phase of the tube was analyzed. Results are as follows:

unidentified compounds	37.4%
naphthalene	16.8%
benzene	13.7%
methyl-benzene	8.8%
1-propynyl-benzene	8.7%
1-methyl-naphthalene	6.8%
styrene	4.8%
xylene	2.0%
1,4-dimethyl-naphthalene	1.0%

EPA Region 5 Records Ctr.



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Naphthalene had the highest concentration (16.8%) than any other chemical component.

DISPOSITION OF EVIDENCE:

Lab-1 was consumed during analysis.


Dr. Edgard Espinoza, Examiner
Criminalistics Section Chief